

RUTHERFORD - POLK - McDOWELL

District Health Department

APPLICATION FOR WATER SAMPLING

County:  R  P  M

Please Print:

Applicant Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone #: \_\_\_\_\_ Alt #: \_\_\_\_\_ Email: \_\_\_\_\_

Address where water sample will be collected: \_\_\_\_\_

City: \_\_\_\_\_ State: NC Zip: \_\_\_\_\_

Subdivision Name: \_\_\_\_\_

Lot: \_\_\_\_\_ Phase: \_\_\_\_\_ Gate Code: \_\_\_\_\_

Directions to Property: \_\_\_\_\_

Please describe any issues or concerns with your water supply: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Water Supply:  Private Well (one connection)  Shared Well  City/Municipal/Public  Spring

Other: \_\_\_\_\_ Well Diameter: \_\_\_\_\_ in.

Well Location: \_\_\_\_\_ Power Available:  Y  N

Outside Faucet Location: \_\_\_\_\_ Well Covered:  Y  N

Filtration System:  Y  N Water Softener:  Y  N

Water Sample(s) Requested (descriptions on back of form):

- Full Panel (\$150 - includes bacteria, metals, and nitrate/nitrite)
- Iron bacteria (\$70)
- Coal ash panel (\$105)
- Herbicides (\$115)
- Sulfur Bacteria (\$70)
- Nitrate/nitrite (\$65)
- Petroleum products (\$115)
- Bacteria P/A (\$60)
- Metals only (\$100)
- Pesticides (\$115)
- Volatile Organics (\$115)

\* Other samples are available via the State Laboratory. If you are interested in a sample that is not listed, please ask.

Total Fee: \_\_\_\_\_

Applicant signature: \_\_\_\_\_ Date: \_\_\_\_\_

HEALTH DEPARTMENT USE ONLY: APPLICATION#: \_\_\_\_\_ FEE: \_\_\_\_\_ RECEIPT#: \_\_\_\_\_

COLLECTED DATE: \_\_\_\_\_ COLLECTED BY: \_\_\_\_\_ DISINFECTANT RESIDUAL (IF APPLICABLE): Y / N

RESULTS: Mailed: \_\_\_\_\_ Faxed: \_\_\_\_\_ Emailed: \_\_\_\_\_ Picked Up: \_\_\_\_\_ Delivered: \_\_\_\_\_

**Full well panel:** This is the same panel used for newly constructed wells. Sample includes total coliform bacteria, nitrate and nitrite, pH, hardness, alkalinity, arsenic, barium, cadmium, calcium, chloride, chromium, copper, fluoride, iron, lead, magnesium, manganese, mercury, selenium, silver, sodium, sulfate, and zinc. This is a good starting point for wells with no sampling history.

**Bacteria P/A:** This is a test for the presence of total and fecal coliform bacteria. If coliform bacteria are present, the water is considered unsafe for drinking purpose. Presence of fecal coliforms generally indicates that the water has been contaminated with fecal material.

**Iron bacteria:** Iron bacteria may produce taste, odor, red or yellow staining, and pipe corrosion problems.

**Sulfur bacteria:** Sulfur bacteria in a water source may cause taste, odor, and pipe corrosion problems. These bacteria are considered "nuisance organisms" and are not harmful. This sample takes 30 days from the date it reaches the laboratory

**Metals only:** Tests for arsenic, barium, cadmium, calcium, chromium, copper, fluoride, iron, lead, magnesium, manganese, mercury, selenium, silver, sodium, and zinc.

**Coal ash panel:** This sample tests for the presence of chromium and other chemicals associated with coal ash contamination.

**Nitrate/Nitrite:** The presence of nitrates/nitrites is usually due to animal wastes and fertilizers. Serious poisonings in infants have occurred following ingestion of well water with high concentrations of nitrate/nitrite.

**Pesticides:** Tests for the presence of pesticides. It is helpful to know the identity of the suspected contaminating pesticide or at least the type of activity that caused suspicion of pesticide contamination.

**Herbicides:** Tests for the presence of herbicides. It is helpful to know the identity of the suspected contaminating herbicide or at least the type of activity that caused suspicion of herbicide contamination.

**Petroleum:** Tests for oils and greases.

**Volatile organic chemicals:** Tests for gasoline and organic solvents, such as vinyl chloride, MTBE, benzene, toluene, etc.